

Name: Class:

Division with decimal quotient

1. Divide whole numbers by decimal divisors.

a. $250 \div 0.8 =$

b. $150 \div 0.8 =$

2. In each case, tick the correct answer.

a. What will be the answer to the nearest thousandth after dividing 225 by 15.2?

 148.03 1.4803 14,803 44.803 14.803

b. What will be the answer to the nearest tenth after dividing 157 by 0.8?

 0.1963 1,963 196.3 1.963 19.63

c. What will be the answer after dividing 938 by 0.05?

 1.876 18,7600 18.760 18,760 1,876.60

d. What will be the answer to the nearest hundredth after dividing 1,442 by 0.15?

 $9,613.\overline{33}$ $9,613.\overline{22}$ $9,913.\overline{22}$ $8,613.\overline{33}$ $9,513.\overline{22}$

Name: Class:

Division with decimal quotient

1. Divide whole numbers by decimal divisors (follow the example).

a. $250 \div 0.8 = (250 \times 10) \div (0.8 \times 10)$

$= 2,500 \div 8$

$$\begin{array}{r}
 312.5 \\
 8 \overline{) 2500.0} \\
 \underline{-24} \\
 10 \\
 \underline{-8} \\
 20 \\
 \underline{-16} \\
 40 \\
 \underline{-40} \\
 0
 \end{array}$$

Answer
312.5

b. $150 \div 0.8 = (150 \times 10) \div (0.8 \times 10)$

$= 1,500 \div 8$

$$\begin{array}{r}
 187.5 \\
 8 \overline{) 1500.0} \\
 \underline{-8} \\
 70 \\
 \underline{-64} \\
 60 \\
 \underline{-56} \\
 40 \\
 \underline{-40} \\
 0
 \end{array}$$

Answer
187.5

2. In each case, tick the correct answer.

a. What will be the answer to the nearest thousandth after dividing 225 by 15.2?

- 148.03
 1.4803
 14,803
 44.803
 14.803

b. What will be the answer to the nearest tenth after dividing 157 by 0.8?

- 0.1963
 1,963
 196.3
 1.963
 19.625

c. What will be the answer after dividing 938 by 0.05?

- 1.876
 18,7600
 18.760
 18,760
 1,876.60

d. What will be the answer to the nearest hundredth after dividing 1,442 by 0.15?

- 9,613. $\overline{33}$
 9,613. $\overline{22}$
 9,913. $\overline{22}$
 8,613. $\overline{33}$
 9,513. $\overline{22}$